

Occupational Employment and Wage Estimates

Gulfport Biloxi MSA May 2005 Panel

MDES

Increasing Employment in Mississippi

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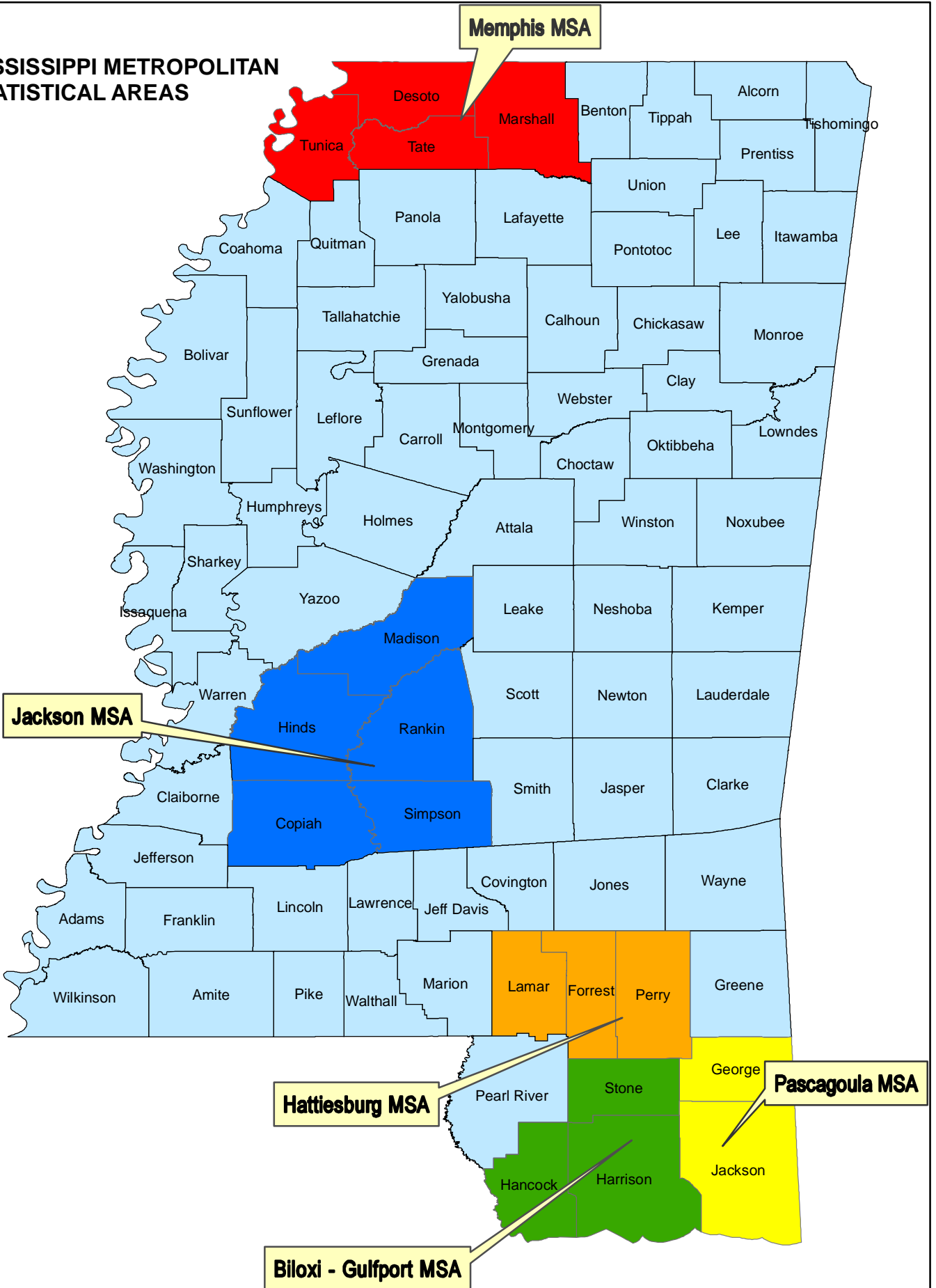
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Technical Notes for May 2005 Panel

NOTE: The Gulfport - Biloxi Metropolitan Statistical Area represents the following counties:

Hancock County
Harrison County
Stone County

MISSISSIPPI METROPOLITAN STATISTICAL AREAS



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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
00-0000	Total all occupations	109,140	\$14.24	\$29,620	\$6.82	\$14,180	\$18.00	\$37,430
11-0000	Management Occupations	4,880	\$31.33	\$65,170	\$15.40	\$32,020	\$39.30	\$81,740
11-1011	Chief Executives	500	\$53.33	\$110,940	\$22.08	\$45,930	\$68.96	\$143,440
11-1021	General and Operations Managers	1,310	\$30.52	\$63,480	\$16.33	\$33,980	\$37.61	\$78,240
11-1031	Legislators	40	N/A	\$18,070	N/A	\$12,810	N/A	\$20,700
11-2011	Advertising and Promotions Managers	60	\$25.83	\$53,720	\$15.71	\$32,680	\$30.89	\$64,250
11-2021	Marketing Managers	70	\$30.12	\$62,650	\$18.99	\$39,490	\$35.69	\$74,230
11-2022	Sales Managers	190	\$28.93	\$60,170	\$17.51	\$36,410	\$34.64	\$72,050
11-2031	Public Relations Managers	40	\$25.23	\$52,480	\$15.32	\$31,860	\$30.19	\$62,800
11-3011	Administrative Services Managers	200	\$21.62	\$44,980	\$11.85	\$24,640	\$26.51	\$55,140
11-3021	Computer and Information Systems Managers	70	\$33.14	\$68,940	\$22.73	\$47,290	\$38.35	\$79,770
11-3031	Financial Managers	260	\$31.32	\$65,140	\$20.35	\$42,320	\$36.80	\$76,550
11-3041	Compensation and Benefits Managers	30	\$28.18	\$58,620	\$18.30	\$38,060	\$33.13	\$68,910
11-3042	Training and Development Managers	40	\$23.91	\$49,740	\$16.28	\$33,860	\$27.73	\$57,680
11-3049	Human Resources Managers, All Other	N/A	\$33.58	\$69,840	\$25.86	\$53,790	\$37.44	\$77,870
11-3051	Industrial Production Managers	70	\$29.95	\$62,300	\$20.34	\$42,300	\$34.76	\$72,300
11-3061	Purchasing Managers	60	\$30.46	\$63,350	\$19.54	\$40,640	\$35.92	\$74,710
11-3071	Transportation, Storage, and Distribution Managers	30	\$22.97	\$47,780	\$13.77	\$28,630	\$27.58	\$57,360
11-9021	Construction Managers	150	\$24.63	\$51,230	\$16.86	\$35,060	\$28.52	\$59,310
11-9031	Education Administrators, Preschool and Child Care Center/Program	60	\$15.57	\$32,380	\$10.88	\$22,630	\$17.91	\$37,250
11-9032	Education Administrators, Elementary and Secondary School	110	N/A	\$66,160	N/A	\$53,100	N/A	\$72,700

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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
11-9033	Education Administrators, Postsecondary	70	\$35.52	\$73,880	\$22.24	\$46,270	\$42.16	\$87,690
11-9039	Education Administrators, All Other	50	\$28.70	\$59,690	\$23.97	\$49,860	\$31.06	\$64,610
11-9041	Engineering Managers	160	\$45.23	\$94,090	\$34.35	\$71,440	\$50.68	\$105,410
11-9051	Food Service Managers	340	\$18.58	\$38,650	\$12.42	\$25,830	\$21.66	\$45,050
11-9071	Gaming Managers	120	\$28.50	\$59,270	\$19.16	\$39,850	\$33.16	\$68,980
11-9081	Lodging Managers	70	\$16.39	\$34,090	\$10.03	\$20,870	\$19.57	\$40,700
11-9111	Medical and Health Services Managers	190	\$34.65	\$72,080	\$22.62	\$47,050	\$40.67	\$84,590
11-9121	Natural Sciences Managers	130	\$46.30	\$96,300	\$36.35	\$75,620	\$51.27	\$106,650
11-9131	Postmasters and Mail Superintendents	10	\$29.94	\$62,280	\$24.27	\$50,490	\$32.78	\$68,180
11-9141	Property, Real Estate, and Community Association Managers	150	\$13.22	\$27,490	\$7.75	\$16,120	\$15.95	\$33,170
11-9151	Social and Community Service Managers	70	\$19.79	\$41,150	\$11.12	\$23,120	\$24.12	\$50,170
11-9199	Managers, All Other	190	\$35.67	\$74,200	\$25.32	\$52,660	\$40.85	\$84,970
13-0000	Business and Financial Operations Occupations	2,890	\$21.97	\$45,700	\$12.90	\$26,830	\$26.50	\$55,130
13-1022	Wholesale and Retail Buyers, Except Farm Products	30	\$15.13	\$31,470	\$10.48	\$21,800	\$17.46	\$36,310
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	200	\$22.32	\$46,430	\$13.47	\$28,010	\$26.75	\$55,640
13-1031	Claims Adjusters, Examiners, and Investigators	80	\$19.34	\$40,220	\$13.84	\$28,790	\$22.09	\$45,940
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	140	\$23.93	\$49,770	\$16.64	\$34,610	\$27.57	\$57,350
13-1051	Cost Estimators	90	\$23.62	\$49,130	\$14.80	\$30,790	\$28.03	\$58,290
13-1071	Employment, Recruitment, and Placement Specialists	110	\$15.28	\$31,770	\$11.69	\$24,320	\$17.07	\$35,500
13-1072	Compensation, Benefits, and Job Analysis Specialists	30	\$16.37	\$34,060	\$12.52	\$26,050	\$18.30	\$38,070
13-1073	Training and Development Specialists	400	\$21.82	\$45,390	\$16.58	\$34,480	\$24.45	\$50,850

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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	20	\$22.81	\$47,450	\$14.71	\$30,600	\$26.86	\$55,870
13-1111	Management Analysts	70	\$31.27	\$65,040	\$22.82	\$47,470	\$35.49	\$73,830
13-1121	Meeting and Convention Planners	70	\$14.95	\$31,100	\$7.83	\$16,280	\$18.52	\$38,520
13-1199	Business Operations Specialists, All Other	410	\$25.30	\$52,620	\$16.46	\$34,240	\$29.72	\$61,810
13-2011	Accountants and Auditors	390	\$24.22	\$50,370	\$13.63	\$28,350	\$29.51	\$61,380
13-2021	Appraisers and Assessors of Real Estate	N/A	\$22.72	\$47,250	\$12.68	\$26,370	\$27.74	\$57,700
13-2031	Budget Analysts	60	\$27.23	\$56,650	\$20.61	\$42,870	\$30.54	\$63,530
13-2041	Credit Analysts	40	\$21.73	\$45,190	\$11.43	\$23,760	\$26.88	\$55,900
13-2052	Personal Financial Advisors	N/A	\$22.51	\$46,830	\$17.28	\$35,940	\$25.13	\$52,270
13-2072	Loan Officers	230	\$18.47	\$38,420	\$9.68	\$20,130	\$22.87	\$47,570
13-2081	Tax Examiners, Collectors, and Revenue Agents	100	\$18.95	\$39,410	\$8.93	\$18,570	\$23.96	\$49,830
13-2082	Tax Preparers	60	\$9.92	\$20,630	\$7.82	\$16,270	\$10.97	\$22,810
13-2099	Financial Specialists, All Other	40	\$21.46	\$44,640	\$15.38	\$31,990	\$24.50	\$50,970
15-0000	Computer and Mathematical Occupations	1,060	\$24.64	\$51,240	\$15.66	\$32,580	\$29.12	\$60,570
15-1021	Computer Programmers	100	\$21.51	\$44,740	\$15.03	\$31,250	\$24.75	\$51,480
15-1031	Computer Software Engineers, Applications	80	\$24.31	\$50,570	\$17.59	\$36,590	\$27.67	\$57,550
15-1032	Computer Software Engineers, Systems Software	30	\$28.16	\$58,570	\$20.36	\$42,340	\$32.06	\$66,680
15-1041	Computer Support Specialists	320	\$19.90	\$41,400	\$13.50	\$28,090	\$23.10	\$48,050
15-1051	Computer Systems Analysts	220	\$28.12	\$58,480	\$20.88	\$43,440	\$31.73	\$66,010
15-1061	Database Administrators	30	\$25.39	\$52,810	\$16.60	\$34,530	\$29.78	\$61,940
15-1071	Network and Computer Systems Administrators	80	\$23.88	\$49,670	\$16.73	\$34,790	\$27.45	\$57,100

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15-1081	Network Systems and Data Communications Analysts	30	\$23.64	\$49,170	\$15.77	\$32,790	\$27.57	\$57,350
17-0000	Architecture and Engineering Occupations	1,830	\$26.05	\$54,190	\$14.30	\$29,740	\$31.93	\$66,410
17-1011	Architects, Except Landscape and Naval	60	\$20.86	\$43,380	\$13.81	\$28,720	\$24.38	\$50,710
17-1012	Landscape Architects	20	\$24.39	\$50,730	\$22.75	\$47,320	\$25.21	\$52,440
17-1022	Surveyors	120	\$15.58	\$32,410	\$11.00	\$22,890	\$17.87	\$37,170
17-2041	Chemical Engineers	N/A	\$26.47	\$55,050	\$15.84	\$32,940	\$31.78	\$66,110
17-2051	Civil Engineers	280	\$29.47	\$61,300	\$19.34	\$40,220	\$34.54	\$71,840
17-2071	Electrical Engineers	70	\$33.96	\$70,640	\$24.91	\$51,810	\$38.49	\$80,060
17-2072	Electronics Engineers, Except Computer	120	\$37.27	\$77,510	\$27.99	\$58,220	\$41.90	\$87,160
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	20	\$24.49	\$50,940	\$17.48	\$36,360	\$28.00	\$58,240
17-2112	Industrial Engineers	40	\$28.23	\$58,720	\$19.25	\$40,040	\$32.72	\$68,060
17-2141	Mechanical Engineers	80	\$32.45	\$67,490	\$23.89	\$49,690	\$36.72	\$76,390
17-2199	Engineers, All Other	110	\$43.82	\$91,150	\$30.71	\$63,880	\$50.38	\$104,780
17-3011	Architectural and Civil Drafters	100	\$15.31	\$31,830	\$10.42	\$21,680	\$17.75	\$36,910
17-3022	Civil Engineering Technicians	140	\$15.17	\$31,550	\$10.09	\$20,980	\$17.71	\$36,840
17-3023	Electrical and Electronic Engineering Technicians	260	\$22.98	\$47,800	\$17.72	\$36,870	\$25.61	\$53,260
17-3029	Engineering Technicians, Except Drafters, All Other	100	\$22.27	\$46,320	\$12.34	\$25,670	\$27.23	\$56,640
17-3031	Surveying and Mapping Technicians	50	\$11.88	\$24,720	\$8.25	\$17,160	\$13.70	\$28,500
19-0000	Life, Physical, and Social Science Occupations	1,090	\$31.30	\$65,100	\$18.25	\$37,970	\$37.82	\$78,670
19-1023	Zoologists and Wildlife Biologists	N/A	\$30.09	\$62,580	\$22.98	\$47,790	\$33.64	\$69,980
19-1029	Biological Scientists, All Other	20	\$30.19	\$62,790	\$16.62	\$34,570	\$36.97	\$76,900

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19-1031	Conservation Scientists	N/A	\$33.31	\$69,280	\$26.06	\$54,210	\$36.93	\$76,820
19-1032	Foresters	20	\$29.41	\$61,180	\$26.74	\$55,610	\$30.75	\$63,960
19-2012	Physicists	40	\$44.93	\$93,460	\$34.95	\$72,690	\$49.92	\$103,840
19-2031	Chemists	70	\$41.47	\$86,260	\$23.50	\$48,870	\$50.46	\$104,960
19-2032	Materials Scientists	N/A	\$24.10	\$50,130	\$18.05	\$37,540	\$27.13	\$56,430
19-2041	Environmental Scientists and Specialists, Including Health	60	\$24.33	\$50,610	\$16.76	\$34,850	\$28.12	\$58,490
19-2042	Geoscientists, Except Hydrologists and Geographers	230	\$37.63	\$78,280	\$27.45	\$57,100	\$42.73	\$88,870
19-2099	Physical Scientists, All Other	220	\$34.07	\$70,860	\$24.68	\$51,330	\$38.76	\$80,620
19-3021	Market Research Analysts	10	\$16.77	\$34,890	\$10.37	\$21,560	\$19.98	\$41,560
19-3031	Clinical, Counseling, and School Psychologists	40	\$34.26	\$71,250	\$17.14	\$35,650	\$42.81	\$89,050
19-3099	Social Scientists and Related Workers, All Other	50	\$32.82	\$68,270	\$24.11	\$50,150	\$37.18	\$77,330
19-4021	Biological Technicians	10	\$13.08	\$27,200	\$9.57	\$19,910	\$14.83	\$30,850
19-4031	Chemical Technicians	60	\$18.44	\$38,360	\$11.78	\$24,500	\$21.77	\$45,290
19-4093	Forest and Conservation Technicians	30	\$18.26	\$37,980	\$12.99	\$27,020	\$20.90	\$43,460
19-4099	Life, Physical, and Social Science Technicians, All Other	80	\$20.57	\$42,780	\$12.11	\$25,190	\$24.80	\$51,570
21-0000	Community and Social Services Occupations	790	\$16.35	\$34,000	\$9.57	\$19,900	\$19.73	\$41,050
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	\$23.42	\$48,710	\$14.82	\$30,830	\$27.72	\$57,650
21-1012	Educational, Vocational, and School Counselors	150	\$19.60	\$40,780	\$12.45	\$25,900	\$23.18	\$48,220
21-1015	Rehabilitation Counselors	30	\$22.06	\$45,880	\$14.30	\$29,750	\$25.94	\$53,950
21-1021	Child, Family, and School Social Workers	200	\$13.28	\$27,610	\$10.35	\$21,540	\$14.74	\$30,650
21-1022	Medical and Public Health Social Workers	100	\$18.94	\$39,400	\$13.71	\$28,510	\$21.56	\$44,840

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21-1023	Mental Health and Substance Abuse Social Workers	90	\$10.12	\$21,040	\$6.03	\$12,530	\$12.16	\$25,300
21-1091	Health Educators	N/A	\$15.64	\$32,530	\$12.29	\$25,560	\$17.31	\$36,010
21-1093	Social and Human Service Assistants	80	\$12.13	\$25,230	\$8.90	\$18,510	\$13.75	\$28,590
21-2011	Clergy	30	\$16.28	\$33,860	\$9.92	\$20,640	\$19.46	\$40,470
23-0000	Legal Occupations	510	\$27.84	\$57,920	\$12.96	\$26,950	\$35.29	\$73,400
23-1011	Lawyers	250	\$38.52	\$80,120	\$17.92	\$37,280	\$48.81	\$101,530
23-1023	Judges, Magistrate Judges, and Magistrates	20	\$21.46	\$44,640	\$11.37	\$23,650	\$26.51	\$55,130
23-2011	Paralegals and Legal Assistants	N/A	\$17.23	\$35,840	\$13.11	\$27,270	\$19.29	\$40,120
23-2092	Law Clerks	20	\$16.27	\$33,830	\$12.07	\$25,100	\$18.36	\$38,200
23-2093	Title Examiners, Abstractors, and Searchers	20	\$10.99	\$22,860	\$9.64	\$20,060	\$11.67	\$24,270
23-2099	Legal Support Workers, All Other	30	\$17.44	\$36,270	\$11.47	\$23,850	\$20.43	\$42,480
25-0000	Education, Training, and Library Occupations	5,930	\$20.03	\$41,670	\$9.48	\$19,730	\$25.31	\$52,640
25-1022	Mathematical Science Teachers, Postsecondary	30	N/A	\$50,830	N/A	\$35,400	N/A	\$58,540
25-1081	Education Teachers, Postsecondary	40	N/A	\$46,910	N/A	\$31,940	N/A	\$54,400
25-1121	Art, Drama, and Music Teachers, Postsecondary	30	N/A	\$53,870	N/A	\$31,490	N/A	\$65,050
25-2011	Preschool Teachers, Except Special Education	210	\$9.08	\$18,880	\$6.52	\$13,560	\$10.35	\$21,540
25-2012	Kindergarten Teachers, Except Special Education	210	N/A	\$40,110	N/A	\$32,320	N/A	\$44,000
25-2021	Elementary School Teachers, Except Special Education	1,510	N/A	\$51,490	N/A	\$32,260	N/A	\$61,110
25-2022	Middle School Teachers, Except Special and Vocational Education	510	N/A	\$57,480	N/A	\$32,040	N/A	\$70,200
25-2031	Secondary School Teachers, Except Special and Vocational Education	660	N/A	\$53,650	N/A	\$32,170	N/A	\$64,380
25-2032	Vocational Education Teachers, Secondary School	70	N/A	\$43,950	N/A	\$33,550	N/A	\$49,150

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25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	260	N/A	\$39,060	N/A	\$27,320	N/A	\$44,930
25-2042	Special Education Teachers, Middle School	90	N/A	\$40,390	N/A	\$32,730	N/A	\$44,220
25-2043	Special Education Teachers, Secondary School	60	N/A	\$40,050	N/A	\$32,880	N/A	\$43,640
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	60	\$16.13	\$33,540	\$11.09	\$23,060	\$18.65	\$38,790
25-3021	Self-Enrichment Education Teachers	N/A	\$16.79	\$34,920	\$11.55	\$24,030	\$19.41	\$40,370
25-4021	Librarians	130	\$22.44	\$46,670	\$16.59	\$34,500	\$25.36	\$52,750
25-4031	Library Technicians	N/A	\$11.10	\$23,100	\$7.35	\$15,290	\$12.98	\$27,000
25-9031	Instructional Coordinators	170	\$25.71	\$53,470	\$16.36	\$34,020	\$30.38	\$63,190
25-9041	Teacher Assistants	1,040	N/A	\$15,030	N/A	\$12,640	N/A	\$16,230
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,020	\$15.50	\$32,250	\$8.23	\$17,120	\$19.14	\$39,810
27-1023	Floral Designers	70	\$8.25	\$17,150	\$7.02	\$14,590	\$8.86	\$18,430
27-1024	Graphic Designers	100	\$15.24	\$31,690	\$9.26	\$19,270	\$18.22	\$37,900
27-1025	Interior Designers	20	\$15.69	\$32,640	\$12.75	\$26,510	\$17.16	\$35,700
27-2012	Producers and Directors	70	\$19.33	\$40,210	\$16.58	\$34,490	\$20.70	\$43,060
27-3011	Radio and Television Announcers	60	\$12.93	\$26,890	\$6.95	\$14,450	\$15.92	\$33,110
27-3022	Reporters and Correspondents	30	\$14.40	\$29,960	\$9.26	\$19,270	\$16.97	\$35,310
27-3031	Public Relations Specialists	150	\$17.42	\$36,240	\$10.60	\$22,040	\$20.84	\$43,340
27-3041	Editors	50	\$20.40	\$42,440	\$15.49	\$32,220	\$22.86	\$47,550
27-3042	Technical Writers	N/A	\$27.49	\$57,180	\$21.64	\$45,000	\$30.42	\$63,270
27-3091	Interpreters and Translators	N/A	\$9.66	\$20,090	\$7.60	\$15,800	\$10.69	\$22,230
27-4012	Broadcast Technicians	30	\$7.22	\$15,020	\$5.94	\$12,350	\$7.87	\$16,360

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27-4021	Photographers	60	\$12.37	\$25,740	\$7.99	\$16,620	\$14.56	\$30,290
29-0000	Healthcare Practitioners and Technical Occupations	6,140	\$25.56	\$53,160	\$12.69	\$26,390	\$31.99	\$66,540
29-1021	Dentists, General	N/A	\$52.99	\$110,230	\$44.17	\$91,870	\$57.41	\$119,400
29-1031	Dietitians and Nutritionists	50	\$21.23	\$44,150	\$14.28	\$29,700	\$24.70	\$51,380
29-1041	Optometrists	10	\$52.56	\$109,320	\$40.67	\$84,590	\$58.50	\$121,680
29-1051	Pharmacists	190	\$41.54	\$86,400	\$36.51	\$75,950	\$44.05	\$91,630
29-1062	Family and General Practitioners	180	\$83.61	\$173,910	\$64.66	\$134,480	\$93.09	\$193,620
29-1063	Internists, General	N/A	\$62.89	\$130,810	\$62.26	\$129,490	\$63.20	\$131,460
29-1065	Pediatricians, General	N/A	\$83.60	\$173,890	\$69.42	\$144,400	\$90.69	\$188,630
29-1067	Surgeons	N/A	\$93.57	\$194,620	\$92.62	\$192,640	N/A	N/A
29-1111	Registered Nurses	2,550	\$23.94	\$49,800	\$18.90	\$39,320	\$26.46	\$55,050
29-1122	Occupational Therapists	30	\$28.54	\$59,360	\$23.57	\$49,030	\$31.02	\$64,530
29-1123	Physical Therapists	140	\$37.80	\$78,630	\$26.63	\$55,390	\$43.39	\$90,250
29-1125	Recreational Therapists	30	\$17.80	\$37,010	\$13.73	\$28,560	\$19.83	\$41,240
29-1127	Speech-Language Pathologists	80	\$23.60	\$49,090	\$18.42	\$38,320	\$26.19	\$54,470
29-1131	Veterinarians	N/A	\$19.84	\$41,260	\$19.06	\$39,640	\$20.23	\$42,070
29-2011	Medical and Clinical Laboratory Technologists	120	\$21.19	\$44,070	\$16.53	\$34,380	\$23.52	\$48,920
29-2032	Diagnostic Medical Sonographers	20	\$23.80	\$49,500	\$19.05	\$39,620	\$26.17	\$54,440
29-2033	Nuclear Medicine Technologists	10	\$24.63	\$51,220	\$21.46	\$44,640	\$26.21	\$54,520
29-2034	Radiologic Technologists and Technicians	210	\$20.23	\$42,080	\$16.31	\$33,920	\$22.19	\$46,160
29-2041	Emergency Medical Technicians and Paramedics	N/A	\$12.80	\$26,620	\$10.28	\$21,380	\$14.06	\$29,240

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29-2052	Pharmacy Technicians	250	\$11.38	\$23,670	\$8.27	\$17,200	\$12.93	\$26,900
29-2055	Surgical Technologists	100	\$14.62	\$30,400	\$11.87	\$24,680	\$15.99	\$33,260
29-2061	Licensed Practical and Licensed Vocational Nurses	690	\$13.76	\$28,620	\$10.67	\$22,200	\$15.30	\$31,830
29-2071	Medical Records and Health Information Technicians	260	\$11.73	\$24,400	\$8.66	\$18,020	\$13.27	\$27,590
29-2081	Opticians, Dispensing	70	\$17.08	\$35,520	\$9.62	\$20,000	\$20.81	\$43,280
29-9011	Occupational Health and Safety Specialists	20	\$24.09	\$50,100	\$12.99	\$27,010	\$29.63	\$61,640
29-9091	Athletic Trainers	N/A	N/A	\$28,960	N/A	\$26,710	N/A	\$30,090
29-9099	Healthcare Practitioners and Technical Workers, All Other	30	\$10.93	\$22,740	\$8.90	\$18,510	\$11.95	\$24,850
31-0000	Healthcare Support Occupations	2,190	\$10.11	\$21,030	\$7.04	\$14,630	\$11.65	\$24,230
31-1011	Home Health Aides	140	\$9.11	\$18,960	\$7.24	\$15,060	\$10.05	\$20,910
31-1012	Nursing Aides, Orderlies, and Attendants	1,250	\$9.54	\$19,850	\$6.85	\$14,240	\$10.89	\$22,650
31-1013	Psychiatric Aides	30	\$8.04	\$16,720	\$7.61	\$15,840	\$8.25	\$17,160
31-2021	Physical Therapist Assistants	50	\$17.55	\$36,500	\$13.97	\$29,060	\$19.34	\$40,220
31-2022	Physical Therapist Aides	60	\$8.97	\$18,660	\$7.59	\$15,780	\$9.67	\$20,110
31-9011	Massage Therapists	50	\$8.39	\$17,440	\$5.94	\$12,360	\$9.61	\$19,980
31-9091	Dental Assistants	150	\$11.27	\$23,440	\$9.37	\$19,490	\$12.22	\$25,410
31-9092	Medical Assistants	190	\$10.80	\$22,460	\$8.28	\$17,220	\$12.06	\$25,080
31-9094	Medical Transcriptionists	100	\$11.01	\$22,910	\$9.65	\$20,070	\$11.70	\$24,330
31-9095	Pharmacy Aides	N/A	\$6.48	\$13,480	\$5.79	\$12,040	\$6.83	\$14,210
31-9099	Healthcare Support Workers, All Other	110	\$13.90	\$28,910	\$8.83	\$18,360	\$16.44	\$34,190
33-0000	Protective Service Occupations	4,120	\$12.93	\$26,890	\$7.77	\$16,160	\$15.51	\$32,260

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33-1012	First-Line Supervisors/Managers of Police and Detectives	50	\$28.24	\$58,740	\$18.78	\$39,060	\$32.97	\$68,570
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention	80	\$24.72	\$51,410	\$23.12	\$48,090	\$25.52	\$53,080
33-1099	First-Line Supervisors/Managers, Protective Service Workers,	110	\$18.35	\$38,170	\$11.58	\$24,080	\$21.74	\$45,220
33-2011	Fire Fighters	450	\$15.22	\$31,660	\$12.87	\$26,770	\$16.39	\$34,100
33-3012	Correctional Officers and Jailers	600	\$11.77	\$24,480	\$8.46	\$17,600	\$13.43	\$27,920
33-3021	Detectives and Criminal Investigators	130	\$23.66	\$49,220	\$16.21	\$33,710	\$27.39	\$56,970
33-3051	Police and Sheriff's Patrol Officers	630	\$14.73	\$30,640	\$11.80	\$24,540	\$16.20	\$33,690
33-9011	Animal Control Workers	10	\$10.13	\$21,070	\$7.80	\$16,230	\$11.29	\$23,490
33-9031	Gaming Surveillance Officers and Gaming Investigators	170	\$15.38	\$32,000	\$11.19	\$23,270	\$17.48	\$36,360
33-9032	Security Guards	1,570	\$9.45	\$19,660	\$7.15	\$14,880	\$10.60	\$22,050
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	60	\$8.10	\$16,850	\$6.03	\$12,540	\$9.14	\$19,010
33-9099	Protective Service Workers, All Other	110	\$16.34	\$33,990	\$11.17	\$23,230	\$18.93	\$39,380
35-0000	Food Preparation and Serving-Related Occupations	14,770	\$7.47	\$15,530	\$5.90	\$12,280	\$8.25	\$17,150
35-1011	Chefs and Head Cooks	170	\$14.64	\$30,440	\$10.37	\$21,580	\$16.77	\$34,870
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving	900	\$11.94	\$24,840	\$8.33	\$17,340	\$13.75	\$28,600
35-2011	Cooks, Fast Food	1,270	\$6.64	\$13,800	\$5.92	\$12,310	\$7.00	\$14,550
35-2012	Cooks, Institution and Cafeteria	530	\$8.52	\$17,730	\$6.26	\$13,010	\$9.66	\$20,090
35-2014	Cooks, Restaurant	1,640	\$8.65	\$17,980	\$6.68	\$13,890	\$9.63	\$20,030
35-2021	Food Preparation Workers	2,170	\$6.68	\$13,900	\$5.90	\$12,280	\$7.07	\$14,700
35-3011	Bartenders	620	\$7.24	\$15,070	\$5.95	\$12,380	\$7.89	\$16,410
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	960	\$7.75	\$16,120	\$5.89	\$12,260	\$8.68	\$18,050

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35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	460	\$6.85	\$14,250	\$5.84	\$12,150	\$7.36	\$15,300
35-3031	Waiters and Waitresses	3,160	\$6.47	\$13,450	\$5.90	\$12,260	\$6.75	\$14,040
35-3041	Food Servers, Nonrestaurant	440	\$6.98	\$14,520	\$5.93	\$12,330	\$7.50	\$15,610
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	730	\$6.50	\$13,530	\$5.92	\$12,310	\$6.80	\$14,140
35-9021	Dishwashers	790	\$6.90	\$14,350	\$5.89	\$12,260	\$7.40	\$15,400
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	630	\$7.22	\$15,010	\$5.89	\$12,240	\$7.88	\$16,400
37-0000	Building and Grounds Cleaning and Maintenance Occupations	5,320	\$9.00	\$18,730	\$6.62	\$13,760	\$10.20	\$21,210
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial	420	\$14.03	\$29,190	\$10.69	\$22,240	\$15.70	\$32,660
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, Janitors and Cleaners, Except Maids and Housekeeping Cleaners	130	\$13.38	\$27,820	\$9.55	\$19,860	\$15.29	\$31,810
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,940	\$9.21	\$19,160	\$6.91	\$14,380	\$10.36	\$21,560
37-2012	Maids and Housekeeping Cleaners	1,850	\$7.41	\$15,410	\$5.93	\$12,330	\$8.15	\$16,950
37-2021	Pest Control Workers	80	\$12.71	\$26,440	\$9.38	\$19,510	\$14.37	\$29,900
37-3011	Landscaping and Groundskeeping Workers	810	\$8.26	\$17,180	\$6.68	\$13,900	\$9.05	\$18,820
39-0000	Personal Care and Service Occupations	6,660	\$9.54	\$19,840	\$5.91	\$12,290	\$11.35	\$23,610
39-1011	Gaming Supervisors	600	\$18.24	\$37,930	\$13.15	\$27,360	\$20.78	\$43,220
39-1012	Slot Key Persons	800	\$10.99	\$22,850	\$8.89	\$18,490	\$12.03	\$25,030
39-1021	First-Line Supervisors/Managers of Personal Service Workers	60	\$14.35	\$29,850	\$11.05	\$22,990	\$16.00	\$33,290
39-2021	Nonfarm Animal Caretakers	N/A	\$7.23	\$15,040	\$5.84	\$12,150	\$7.93	\$16,490
39-3011	Gaming Dealers	2,780	\$8.22	\$17,110	\$5.91	\$12,290	\$9.38	\$19,510
39-3012	Gaming and Sports Book Writers and Runners	70	\$8.41	\$17,490	\$6.61	\$13,760	\$9.31	\$19,360
39-3021	Motion Picture Projectionists	30	\$8.38	\$17,420	\$7.15	\$14,880	\$8.99	\$18,690

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39-3031	Ushers, Lobby Attendants, and Ticket Takers	90	\$7.20	\$14,980	\$5.88	\$12,220	\$7.86	\$16,360
39-3091	Amusement and Recreation Attendants	350	\$7.07	\$14,700	\$5.93	\$12,330	\$7.64	\$15,880
39-5012	Hairdressers, Hairstylists, and Cosmetologists	180	\$11.99	\$24,940	\$8.32	\$17,300	\$13.83	\$28,760
39-5092	Manicurists and Pedicurists	70	\$10.03	\$20,870	\$7.50	\$15,590	\$11.30	\$23,500
39-6011	Baggage Porters and Bellhops	250	\$6.79	\$14,120	\$5.92	\$12,310	\$7.23	\$15,030
39-6012	Concierges	20	\$8.53	\$17,730	\$7.65	\$15,900	\$8.97	\$18,650
39-6021	Tour Guides and Escorts	40	\$8.29	\$17,250	\$5.95	\$12,370	\$9.47	\$19,690
39-9011	Child Care Workers	560	\$7.10	\$14,760	\$5.86	\$12,190	\$7.71	\$16,040
39-9021	Personal and Home Care Aides	N/A	\$8.73	\$18,150	\$6.97	\$14,500	\$9.60	\$19,980
39-9031	Fitness Trainers and Aerobics Instructors	N/A	\$9.84	\$20,470	\$7.12	\$14,810	\$11.20	\$23,290
39-9032	Recreation Workers	240	\$9.74	\$20,270	\$7.39	\$15,370	\$10.92	\$22,720
39-9041	Residential Advisors	40	\$11.97	\$24,910	\$8.19	\$17,040	\$13.87	\$28,840
41-0000	Sales and Related Occupations	11,810	\$10.80	\$22,460	\$6.38	\$13,260	\$13.01	\$27,070
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,270	\$14.26	\$29,660	\$10.00	\$20,800	\$16.39	\$34,090
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	80	\$23.76	\$49,420	\$15.95	\$33,180	\$27.66	\$57,540
41-2011	Cashiers	3,780	\$7.11	\$14,790	\$5.89	\$12,240	\$7.73	\$16,070
41-2012	Gaming Change Persons and Booth Cashiers	520	\$9.15	\$19,020	\$7.40	\$15,400	\$10.02	\$20,840
41-2021	Counter and Rental Clerks	310	\$9.76	\$20,290	\$6.24	\$12,990	\$11.51	\$23,940
41-2022	Parts Salespersons	120	\$12.50	\$26,000	\$9.08	\$18,890	\$14.21	\$29,550
41-2031	Retail Salespersons	4,530	\$10.23	\$21,270	\$6.60	\$13,720	\$12.04	\$25,040
41-3011	Advertising Sales Agents	80	\$17.58	\$36,570	\$10.45	\$21,730	\$21.15	\$43,990

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41-3021	Insurance Sales Agents	180	\$23.10	\$48,050	\$12.21	\$25,390	\$28.55	\$59,380
41-3031	Securities, Commodities, and Financial Services Sales Agents	N/A	\$21.41	\$44,530	\$10.89	\$22,640	\$26.67	\$55,480
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and	80	\$24.97	\$51,930	\$15.51	\$32,260	\$29.69	\$61,760
41-4012	Sales Representatives, Wholesale and Manufacturing, Except	630	\$20.86	\$43,390	\$13.03	\$27,100	\$24.78	\$51,540
41-9022	Real Estate Sales Agents	40	\$27.38	\$56,950	\$15.28	\$31,780	\$33.43	\$69,540
41-9041	Telemarketers	30	\$10.42	\$21,660	\$7.83	\$16,280	\$11.71	\$24,350
41-9099	Sales and Related Workers, All Other	30	\$13.09	\$27,230	\$9.28	\$19,300	\$14.99	\$31,190
43-0000	Office and Administrative Support Occupations	16,040	\$12.07	\$25,110	\$7.90	\$16,440	\$14.16	\$29,440
43-1011	First-Line Supervisors/Managers of Office and Administrative	1,180	\$18.75	\$39,010	\$11.92	\$24,790	\$22.17	\$46,120
43-2011	Switchboard Operators, Including Answering Service	330	\$9.14	\$19,010	\$7.59	\$15,780	\$9.91	\$20,620
43-3011	Bill and Account Collectors	270	\$11.20	\$23,290	\$9.29	\$19,320	\$12.15	\$25,270
43-3021	Billing and Posting Clerks and Machine Operators	310	\$11.52	\$23,970	\$9.37	\$19,490	\$12.60	\$26,210
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,390	\$12.98	\$27,000	\$9.89	\$20,570	\$14.53	\$30,210
43-3041	Gaming Cage Workers	530	\$10.97	\$22,820	\$8.62	\$17,920	\$12.15	\$25,270
43-3051	Payroll and Timekeeping Clerks	210	\$12.25	\$25,480	\$8.49	\$17,650	\$14.13	\$29,400
43-3061	Procurement Clerks	80	\$16.86	\$35,060	\$13.35	\$27,770	\$18.61	\$38,710
43-4011	Brokerage Clerks	N/A	\$17.18	\$35,740	\$14.97	\$31,130	\$18.29	\$38,050
43-4031	Court, Municipal, and License Clerks	90	\$11.32	\$23,540	\$9.45	\$19,660	\$12.25	\$25,480
43-4051	Customer Service Representatives	930	\$10.84	\$22,550	\$7.58	\$15,760	\$12.48	\$25,950
43-4061	Eligibility Interviewers, Government Programs	N/A	\$12.43	\$25,860	\$11.25	\$23,400	\$13.03	\$27,100
43-4071	File Clerks	110	\$8.06	\$16,760	\$6.12	\$12,720	\$9.03	\$18,770
43-4081	Hotel, Motel, and Resort Desk Clerks	450	\$9.13	\$18,990	\$7.38	\$15,350	\$10.01	\$20,810

NOTE: Amounts produced in cooperation with the US Bureau of Labor Statistics

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43-4111	Interviewers, Except Eligibility and Loan	230	\$10.67	\$22,190	\$8.98	\$18,680	\$11.51	\$23,950
43-4121	Library Assistants, Clerical	N/A	\$8.07	\$16,790	\$6.05	\$12,580	\$9.08	\$18,890
43-4131	Loan Interviewers and Clerks	N/A	\$10.14	\$21,100	\$5.87	\$12,220	\$12.28	\$25,540
43-4151	Order Clerks	110	\$10.56	\$21,960	\$6.99	\$14,540	\$12.34	\$25,660
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	190	\$15.06	\$31,320	\$11.09	\$23,060	\$17.05	\$35,450
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	190	\$11.79	\$24,520	\$9.57	\$19,910	\$12.90	\$26,830
43-4199	Information and Record Clerks, All Other	350	\$17.46	\$36,320	\$10.80	\$22,460	\$20.80	\$43,260
43-5011	Cargo and Freight Agents	10	\$13.90	\$28,920	\$12.70	\$26,420	\$14.50	\$30,170
43-5021	Couriers and Messengers	60	\$8.80	\$18,310	\$7.29	\$15,150	\$9.56	\$19,890
43-5031	Police, Fire, and Ambulance Dispatchers	120	\$11.39	\$23,690	\$8.19	\$17,040	\$12.99	\$27,010
43-5032	Dispatchers, Except Police, Fire, and Ambulance	130	\$11.84	\$24,630	\$8.32	\$17,300	\$13.60	\$28,290
43-5051	Postal Service Clerks	60	\$22.64	\$47,090	\$19.37	\$40,300	\$24.27	\$50,490
43-5052	Postal Service Mail Carriers	280	\$20.40	\$42,430	\$14.88	\$30,960	\$23.16	\$48,170
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	130	\$21.68	\$45,090	\$16.88	\$35,110	\$24.07	\$50,070
43-5061	Production, Planning, and Expediting Clerks	130	\$17.03	\$35,420	\$11.41	\$23,730	\$19.84	\$41,260
43-5071	Shipping, Receiving, and Traffic Clerks	450	\$12.21	\$25,400	\$8.91	\$18,520	\$13.86	\$28,830
43-5081	Stock Clerks and Order Fillers	1,100	\$9.18	\$19,090	\$6.67	\$13,870	\$10.43	\$21,690
43-6011	Executive Secretaries and Administrative Assistants	590	\$14.22	\$29,580	\$9.98	\$20,760	\$16.34	\$33,990
43-6012	Legal Secretaries	140	\$15.96	\$33,200	\$13.97	\$29,060	\$16.96	\$35,270
43-6013	Medical Secretaries	N/A	\$11.03	\$22,940	\$8.31	\$17,290	\$12.39	\$25,770
43-6014	Secretaries, Except Legal, Medical, and Executive	1,810	\$11.39	\$23,700	\$8.46	\$17,590	\$12.86	\$26,750

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43-9011	Computer Operators	110	\$13.31	\$27,690	\$9.97	\$20,730	\$14.98	\$31,160
43-9021	Data Entry Keyers	120	\$9.70	\$20,180	\$7.76	\$16,130	\$10.67	\$22,200
43-9022	Word Processors and Typists	60	\$16.69	\$34,710	\$10.40	\$21,630	\$19.83	\$41,250
43-9041	Insurance Claims and Policy Processing Clerks	60	\$10.85	\$22,570	\$9.12	\$18,980	\$11.72	\$24,370
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	30	\$11.85	\$24,640	\$8.08	\$16,810	\$13.73	\$28,560
43-9061	Office Clerks, General	1,670	\$10.08	\$20,960	\$7.19	\$14,960	\$11.52	\$23,960
43-9071	Office Machine Operators, Except Computer	40	\$9.24	\$19,230	\$8.16	\$16,980	\$9.78	\$20,350
45-0000	Farming, Fishing, and Forestry Occupations	130	\$12.36	\$25,700	\$8.59	\$17,870	\$14.24	\$29,620
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and	20	\$18.78	\$39,060	\$18.22	\$37,910	\$19.06	\$39,640
47-0000	Construction and Extraction Occupations	4,900	\$13.84	\$28,790	\$9.23	\$19,190	\$16.15	\$33,590
47-1011	First-Line Supervisors/Managers of Construction Trades and	370	\$20.45	\$42,540	\$15.19	\$31,600	\$23.08	\$48,010
47-2031	Carpenters	550	\$13.21	\$27,480	\$9.08	\$18,890	\$15.28	\$31,770
47-2041	Carpet Installers	20	\$13.99	\$29,100	\$12.29	\$25,570	\$14.84	\$30,860
47-2051	Cement Masons and Concrete Finishers	120	\$11.61	\$24,160	\$9.65	\$20,070	\$12.60	\$26,200
47-2061	Construction Laborers	640	\$9.83	\$20,440	\$8.13	\$16,900	\$10.67	\$22,200
47-2071	Paving, Surfacing, and Tamping Equipment Operators	100	\$12.29	\$25,570	\$9.77	\$20,330	\$13.55	\$28,190
47-2073	Operating Engineers and Other Construction Equipment Operators	330	\$12.47	\$25,930	\$10.46	\$21,760	\$13.47	\$28,020
47-2081	Drywall and Ceiling Tile Installers	N/A	\$14.85	\$30,890	\$13.69	\$28,470	\$15.44	\$32,100
47-2111	Electricians	550	\$17.05	\$35,460	\$12.51	\$26,010	\$19.32	\$40,190
47-2131	Insulation Workers, Floor, Ceiling, and Wall	N/A	\$9.15	\$19,040	\$6.28	\$13,050	\$10.59	\$22,030
47-2141	Painters, Construction and Maintenance	330	\$12.83	\$26,690	\$9.61	\$19,980	\$14.45	\$30,050

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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
47-2151	Pipelayers	70	\$11.04	\$22,970	\$9.61	\$20,000	\$11.76	\$24,460
47-2152	Plumbers, Pipefitters, and Steamfitters	480	\$16.71	\$34,770	\$10.96	\$22,800	\$19.59	\$40,750
47-2161	Plasterers and Stucco Masons	50	\$14.33	\$29,810	\$7.75	\$16,120	\$17.62	\$36,660
47-2181	Roofers	130	\$12.66	\$26,330	\$9.34	\$19,420	\$14.32	\$29,790
47-2211	Sheet Metal Workers	110	\$12.89	\$26,810	\$9.51	\$19,770	\$14.58	\$30,330
47-2221	Structural Iron and Steel Workers	N/A	\$15.06	\$31,330	\$12.96	\$26,950	\$16.12	\$33,520
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	50	\$11.85	\$24,660	\$9.41	\$19,570	\$13.08	\$27,200
47-3012	Helpers--Carpenters	50	\$10.31	\$21,440	\$9.64	\$20,060	\$10.64	\$22,130
47-3013	Helpers--Electricians	N/A	\$10.74	\$22,330	\$8.43	\$17,530	\$11.89	\$24,730
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	70	\$10.21	\$21,240	\$9.23	\$19,190	\$10.71	\$22,270
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	20	\$8.82	\$18,350	\$7.88	\$16,390	\$9.29	\$19,330
47-4011	Construction and Building Inspectors	50	\$18.04	\$37,530	\$12.87	\$26,760	\$20.63	\$42,910
47-4051	Highway Maintenance Workers	170	\$11.10	\$23,080	\$8.13	\$16,910	\$12.58	\$26,160
49-0000	Installation, Maintenance, and Repair Occupations	4,690	\$15.15	\$31,510	\$9.24	\$19,230	\$18.11	\$37,660
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and	480	\$20.93	\$43,540	\$14.39	\$29,930	\$24.21	\$50,350
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	\$14.46	\$30,080	\$11.33	\$23,570	\$16.03	\$33,330
49-2022	Telecommunications Equipment Installers and Repairers, Except Line	N/A	\$17.41	\$36,210	\$8.04	\$16,720	\$22.10	\$45,960
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	60	\$21.57	\$44,850	\$18.74	\$38,970	\$22.98	\$47,800
49-2098	Security and Fire Alarm Systems Installers	30	\$14.69	\$30,560	\$10.88	\$22,630	\$16.60	\$34,520
49-3011	Aircraft Mechanics and Service Technicians	180	\$20.60	\$42,840	\$17.55	\$36,510	\$22.12	\$46,010
49-3021	Automotive Body and Related Repairers	80	\$18.67	\$38,830	\$10.84	\$22,560	\$22.58	\$46,960
49-3023	Automotive Service Technicians and Mechanics	650	\$13.49	\$28,050	\$8.64	\$17,970	\$15.91	\$33,090

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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	130	\$13.57	\$28,230	\$10.80	\$22,460	\$14.96	\$31,110
49-3041	Farm Equipment Mechanics	N/A	\$14.13	\$29,390	\$11.99	\$24,940	\$15.20	\$31,620
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	170	\$17.47	\$36,340	\$13.19	\$27,440	\$19.61	\$40,800
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	N/A	\$7.62	\$15,850	\$6.07	\$12,630	\$8.40	\$17,460
49-3093	Tire Repairers and Changers	N/A	\$10.22	\$21,260	\$9.25	\$19,240	\$10.71	\$22,270
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	N/A	\$13.85	\$28,800	\$10.94	\$22,750	\$15.30	\$31,820
49-9041	Industrial Machinery Mechanics	N/A	\$17.84	\$37,100	\$12.72	\$26,450	\$20.39	\$42,420
49-9042	Maintenance and Repair Workers, General	1,380	\$11.81	\$24,560	\$8.48	\$17,640	\$13.47	\$28,020
49-9062	Medical Equipment Repairers	20	\$17.21	\$35,790	\$12.73	\$26,470	\$19.44	\$40,440
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	170	\$12.20	\$25,380	\$9.20	\$19,130	\$13.70	\$28,500
49-9094	Locksmiths and Safe Repairers	30	\$13.83	\$28,770	\$10.38	\$21,580	\$15.56	\$32,370
49-9098	Helpers--Installation, Maintenance, and Repair Workers	120	\$10.06	\$20,920	\$7.10	\$14,770	\$11.54	\$24,000
49-9099	Installation, Maintenance, and Repair Workers, All Other	70	\$16.13	\$33,560	\$9.30	\$19,340	\$19.55	\$40,660
51-0000	Production Occupations	5,070	\$13.49	\$28,070	\$7.76	\$16,150	\$16.36	\$34,030
51-1011	First-Line Supervisors/Managers of Production and Operating	360	\$20.70	\$43,060	\$12.93	\$26,900	\$24.59	\$51,140
51-2041	Structural Metal Fabricators and Fitters	40	\$12.41	\$25,800	\$11.20	\$23,290	\$13.01	\$27,060
51-2092	Team Assemblers	630	\$9.61	\$19,980	\$7.26	\$15,100	\$10.78	\$22,430
51-3011	Bakers	200	\$8.68	\$18,050	\$7.35	\$15,280	\$9.34	\$19,430
51-3021	Butchers and Meat Cutters	70	\$11.96	\$24,870	\$8.44	\$17,560	\$13.72	\$28,530
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	70	\$7.98	\$16,600	\$6.04	\$12,560	\$8.95	\$18,630
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	10	\$12.40	\$25,800	\$10.22	\$21,270	\$13.49	\$28,070

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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and	50	\$10.13	\$21,070	\$8.70	\$18,110	\$10.85	\$22,560
51-4041	Machinists	90	\$17.57	\$36,540	\$12.41	\$25,810	\$20.14	\$41,900
51-4121	Welders, Cutters, Solderers, and Brazers	250	\$14.37	\$29,890	\$12.09	\$25,150	\$15.51	\$32,270
51-4192	Lay-Out Workers, Metal and Plastic	N/A	\$9.81	\$20,400	\$7.65	\$15,900	\$10.89	\$22,650
51-5023	Printing Machine Operators	150	\$10.73	\$22,320	\$7.77	\$16,160	\$12.21	\$25,400
51-6011	Laundry and Dry-Cleaning Workers	310	\$8.13	\$16,910	\$6.77	\$14,080	\$8.81	\$18,330
51-6021	Pressers, Textile, Garment, and Related Materials	120	\$8.39	\$17,440	\$6.32	\$13,150	\$9.42	\$19,590
51-6031	Sewing Machine Operators	50	\$11.32	\$23,560	\$7.95	\$16,540	\$13.01	\$27,070
51-6093	Upholsterers	30	\$13.23	\$27,510	\$10.30	\$21,420	\$14.69	\$30,560
51-7011	Cabinetmakers and Bench Carpenters	150	\$11.74	\$24,430	\$9.37	\$19,480	\$12.93	\$26,900
51-7021	Furniture Finishers	10	\$12.99	\$27,010	\$10.99	\$22,850	\$13.99	\$29,100
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	70	\$12.28	\$25,550	\$10.18	\$21,180	\$13.34	\$27,740
51-8031	Water and Liquid Waste Treatment Plant and System Operators	40	\$11.88	\$24,700	\$9.70	\$20,170	\$12.97	\$26,970
51-8091	Chemical Plant and System Operators	470	\$20.62	\$42,880	\$15.83	\$32,930	\$23.01	\$47,850
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	N/A	\$11.41	\$23,740	\$8.08	\$16,800	\$13.08	\$27,210
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	140	\$22.30	\$46,370	\$13.79	\$28,680	\$26.55	\$55,220
51-9081	Dental Laboratory Technicians	30	\$17.13	\$35,630	\$10.10	\$21,010	\$20.65	\$42,940
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	40	\$12.75	\$26,520	\$8.98	\$18,680	\$14.64	\$30,440
51-9122	Painters, Transportation Equipment	N/A	\$12.72	\$26,460	\$9.99	\$20,780	\$14.09	\$29,300
51-9132	Photographic Processing Machine Operators	60	\$9.48	\$19,720	\$6.89	\$14,330	\$10.78	\$22,410
51-9193	Cooling and Freezing Equipment Operators and Tenders	30	\$9.88	\$20,550	\$6.11	\$12,710	\$11.76	\$24,460

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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
51-9198	Helpers--Production Workers	120	\$8.96	\$18,630	\$6.47	\$13,460	\$10.20	\$21,220
53-0000	Transportation and Material Moving Occupations	7,300	\$11.44	\$23,790	\$6.83	\$14,210	\$13.74	\$28,570
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and	70	\$18.11	\$37,680	\$11.74	\$24,410	\$21.30	\$44,310
53-1031	First-Line Supervisors/Managers of Transportation and Material-	220	\$21.58	\$44,880	\$11.46	\$23,830	\$26.64	\$55,410
53-3022	Bus Drivers, School	550	\$8.92	\$18,560	\$6.33	\$13,170	\$10.22	\$21,250
53-3031	Driver/Sales Workers	590	\$10.02	\$20,840	\$6.07	\$12,620	\$11.99	\$24,950
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,060	\$14.36	\$29,870	\$9.87	\$20,520	\$16.61	\$34,550
53-3033	Truck Drivers, Light or Delivery Services	880	\$11.24	\$23,370	\$8.44	\$17,550	\$12.64	\$26,280
53-3041	Taxi Drivers and Chauffeurs	160	\$8.75	\$18,200	\$7.25	\$15,080	\$9.50	\$19,760
53-3099	Motor Vehicle Operators, All Other	60	\$15.80	\$32,860	\$12.19	\$25,360	\$17.60	\$36,610
53-5011	Sailors and Marine Oilers	30	\$12.19	\$25,360	\$10.12	\$21,040	\$13.23	\$27,520
53-5021	Captains, Mates, and Pilots of Water Vessels	30	\$21.61	\$44,940	\$10.24	\$21,300	\$27.29	\$56,760
53-6011	Bridge and Lock Tenders	40	\$15.07	\$31,340	\$8.44	\$17,550	\$18.38	\$38,240
53-6021	Parking Lot Attendants	350	\$7.09	\$14,750	\$5.98	\$12,440	\$7.65	\$15,910
53-6031	Service Station Attendants	N/A	\$7.55	\$15,710	\$7.50	\$15,610	\$7.58	\$15,760
53-6099	Transportation Workers, All Other	N/A	\$11.04	\$22,950	\$7.86	\$16,340	\$12.62	\$26,260
53-7021	Crane and Tower Operators	20	\$13.34	\$27,750	\$9.79	\$20,360	\$15.12	\$31,450
53-7032	Excavating and Loading Machine and Dragline Operators	50	\$12.23	\$25,440	\$10.40	\$21,630	\$13.14	\$27,340
53-7051	Industrial Truck and Tractor Operators	300	\$12.63	\$26,260	\$8.68	\$18,060	\$14.60	\$30,360
53-7061	Cleaners of Vehicles and Equipment	220	\$7.94	\$16,520	\$5.96	\$12,410	\$8.93	\$18,580
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,660	\$10.38	\$21,590	\$6.92	\$14,390	\$12.11	\$25,190

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SOC Code	SOC Title	Employment (1)	Average Hourly	Average Annual	Entry Hourly	Entry Annual	Experienced Hourly	Experienced Annual
53-7063	Machine Feeders and Offbearers	100	\$9.30	\$19,350	\$6.90	\$14,360	\$10.50	\$21,850
53-7064	Packers and Packagers, Hand	340	\$7.52	\$15,650	\$5.91	\$12,290	\$8.33	\$17,330
53-7081	Refuse and Recyclable Material Collectors	N/A	\$11.04	\$22,960	\$8.61	\$17,920	\$12.25	\$25,480

Footnotes for May 2005 Occupational Employment and Wage estimates

(1) = Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

(N/A) = Estimates not available.

SOC = Standard Occupational Classification

Technical Notes for May 2005 OES Estimates

The Occupational Employment Statistics (OES) survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. Guam, Puerto Rico, and the Virgin Islands also are surveyed, but their data are not included in this release. OES estimates are constructed from a sample of about 1.2 million establishments. Forms are mailed to approximately 200,000 establishments in May and November of each year for a 3-year period. The nationwide response rate for the May 2005 survey was 78.4 percent based on establishments and 73.2 percent based on employment. The survey included establishments sampled in the May 2005, November 2004, May 2004, November 2003, May 2003, and November 2002 semiannual panels.

The Occupational Coding System

The OES survey uses the Office of Management and Budget's (OMB) occupational classification system, the Standard Occupational Classification (SOC) system. The SOC system is the first OMB-required occupational classification system for federal agencies. The OES survey categorizes workers in 1 of 801 detailed occupations. Together, these detailed occupations comprise 23 major occupational groups, one of which-military specific occupations-is not included in the OES survey. The major groups are as follows:

- Management occupations
- Business and financial operations occupations
- Computer and mathematical occupations
- Architecture and engineering occupations
- Life, physical, and social science occupations
- Community and social services occupations
- Legal occupations
- Education, training and library occupations
- Arts, design, entertainment, sports, and media occupations
- Healthcare practitioners and technical occupations
- Healthcare support occupations
- Protective service occupations
- Food preparation and serving related occupations
- Building and grounds cleaning and maintenance occupations
- Personal care and service occupations
- Sales and related occupations
- Office and administrative support occupations
- Farming, fishing, and forestry, occupations
- Construction, and extraction occupations
- Installation, maintenance, and repair occupations
- Production occupations
- Transportation and material moving occupations
- Military specific occupations (not surveyed in OES).

For more information about the SOC, please see the BLS Web site at <http://www.bls.gov/soc/home.htm>.

The Industry Coding System

The OES survey uses the North American Industry Classification System (NAICS). For more information about NAICS, see the BLS Web site at <http://www.bls.gov/bls/naics.htm>.

The OES survey includes establishments in NAICS sectors 11 (logging and agricultural support activities only), 21, 22, 23, 31-33, 42, 44-45, 48-49, 51, 52, 53, 54, 55, 56, 61, 62, 71, 72, 81 (except private households), state government, and local government. The executive branch of the federal government and the U.S. Postal Service also are included. An establishment is defined as an economic unit that processes goods or provides services, such as a factory, store, or mine. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

The OES survey covers all full-and part-time wage and salary workers in nonfarm industries. The survey does not include the self-employed owners and partners in unincorporated firms, household workers, or unpaid family workers.

Survey Sample

BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies (SWAs) collect most of the data. BLS produces cross-industry and industry-specific estimates for the nation, states, and metropolitan statistical areas (MSAs). Industry-specific estimates are produced at the NAICS sector, 3-digit, 4-digit, and selected 5-digit industry levels. BLS releases all cross-industry and national estimates; the SWAs release industry-specific estimates at the state and MSA levels.

State Unemployment Insurance (UI) files provide the universe from which the OES survey draws its sample. Employment benchmarks are obtained from reports submitted by employers to the UI program. Supplemental sources are used for rail transportation (NAICS 4821) and Guam because they do not report to the UI program. The OES survey sample is stratified by metropolitan and nonmetropolitan areas and industry. Samples selected in panels prior to May 2005 were stratified using MSA definitions based on the 1990 Metropolitan Statistical Area Standards. Beginning with the May 2005 panel, the sample was stratified using new MSA definitions based on the 2000 Metropolitan Statistical Area Standards.

A census of federal government and the U.S. Postal Service is taken every panel. A census of state government and Hawaii's local government is taken every November panel. In order to provide the most occupational coverage, larger employers are more likely to be selected than smaller employers. The unweighted employment of sampled establishments make up approximately 65 percent of total national employment.

Concepts

Occupational employment is the estimate of total wage and salary employment in an occupation across the industries surveyed. The OES survey defines employment as the number of workers who can be classified as full- or part-time employees, including workers on paid vacations or other types of paid leave; workers on unpaid short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station regardless of whether that unit prepares their paycheck.

The OES survey form sent to establishments with more than 10 workers contains between 50 and 225 SOC occupations selected on the basis of the sampled establishment's industry classification. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected primarily from establishments in industries that are the predominant employers of workers in those occupations. Each survey form is structured, however, to allow a respondent to provide detailed occupational information for each worker at the establishment; that is, unlisted occupations can be added to the survey form. Employers with 10 or fewer workers are sent a form with no occupations listed, and are instructed to fill in the occupations for their workers.

Wages for the OES survey are straight-time, gross pay, exclusive of premium pay. Base rate, cost-of-living allowances, guaranteed pay, hazardous-duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay are included. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, employer cost for supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation per each wage range. The wage intervals used for the November 2004 survey are as follows:

Interval	Hourly Wages	Annual Wages
Range A	Under \$6.75	Under \$14,040
Range B	\$6.75 to \$8.49	\$14,040 to \$17,679
Range C	\$8.50 to \$10.74	\$17,680 to \$22,359
Range D	\$10.75 to \$13.49	\$22,360 to \$28,079
Range E	\$13.50 to \$16.99	\$28,080 to \$35,359
Range F	\$17.00 to \$21.49	\$35,360 to \$44,719
Range G	\$21.50 to \$27.24	\$44,720 to \$56,679

Range H	\$27.25 to \$34.49	\$56,680 to \$71,759
Range I	\$34.50 to \$43.74	\$71,760 to \$90,999
Range J	\$43.75 to \$55.49	\$91,000 to \$115,439
Range K	\$55.50 to \$69.99	\$115,440 to \$145,599
Range L	\$70.00 and over	\$145,600 and over

Mean hourly wage. The mean hourly wage rate for an occupation is the total wages that all workers in the occupation earn in an hour divided by the total employment of the occupation. To calculate the mean hourly wage of each occupation, total weighted hourly wages are summed across all intervals and divided by the occupation's weighted survey employment. The mean wage for each interval is based on occupational wage data collected by the BLS Office of Compensation and Working Conditions for the National Compensation Survey (NCS).

The mean hourly wage value for the highest wage interval, \$70.00 and over, was computed separately for NCS data from 2004, 2003, 2002, and 2001. The average of these mean wage rates was used for all of the \$70.00 and over data in the November 2004 survey. The wage rates for this interval do not go through any wage updating procedures.

Because there is wide variation in the number of hours worked by those employed as actors, dancers, musicians, and singers, only hourly wages are available for those occupations. Many jobs are for a duration of 1 day or 1 week and it is extremely rare for a performer to have guaranteed employment for a period that exceeds 3 to 6 months.

Percentile wage. The p-th percentile wage rate for an occupation is the wage where p percent of all workers earn that amount or less and where (100-p) percent of all workers earn that amount or more. This statistic is calculated by uniformly distributing the workers inside each wage interval, ranking the workers from lowest paid to highest paid, and calculating the product of the total employment for the occupation and the desired percentile to determine the worker that earns the p-th percentile wage rate.

Annual wage. Many employees are paid at an hourly rate by their employers and may work more than or less than 40 hours per week. Annual wage estimates for most occupations in this release are calculated by multiplying the mean hourly wage by a "year-round, full-time" figure of 2,080 hours (52 weeks by 40 hours). Thus, annual wage estimates may not represent the actual annual pay received by the employee if they work more or less than 2,080 hours per year. Some workers typically work less than full time, year round. For these occupations, the OES survey collects and reports either the annual salary or the hourly wage rate, depending on how the occupation is typically paid, but not both. For example, teachers, flight attendants, and pilots may be paid an annual salary, but do not work the usual 2,080 hours per year. In this case, an annual salary is reported.

Other workers, such as entertainment workers, are paid hourly rates, but generally do not work full time, year round. For these workers, only an hourly wage is reported.

Hourly versus annual wage reporting. For each occupation, respondents are asked to report the number of employees paid within specific wage intervals. The intervals are defined both as hourly rates and the corresponding annual rates, where the annual rate for an occupation is calculated by multiplying the hourly wage rate by a typical work year of 2,080 hours. The responding establishment can reference either the hourly or the annual rate for full-time workers, but they are instructed to report the hourly rate for part-time workers.

Estimation methodology

Each OES panel includes approximately 200,000 establishments. The OES survey is designed to produce estimates using six panels (3 years) of data. The full six-panel sample of 1.2 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

Wage Updating. Significant reductions in sampling errors are obtained by combining six panels of data, particularly for small geographic areas and occupations. Wages for the current panel need no adjustment. However, wages in the five previous panels need to be updated to the current panel's reference period.

The OES program uses the BLS Employment Cost Index (ECI) to adjust survey data from prior panels before combining them with the current panel's data. The wage updating procedure adjusts each detailed occupation's wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division. The procedure assumes that there are no major differences by geography, industry, or detailed occupation within the occupational division.

Imputation. About 20 percent of establishments do not respond for a given panel. A "nearest neighbor" hot deck imputation procedure is used to impute missing occupational employment totals. A variant of mean imputation is used to impute missing wage distributions. The variant of mean imputation for wage distributions also is applied to establishments that provide reports with occupational totals but partial or missing wage data.

Weighting and benchmarking. The sample establishments in each panel are weighted to represent all establishments that were part of the in-scope frame from which the panel was selected. Based on the sampled establishments, sampling weights are adjusted when six panels are combined. Sampling weights are further adjusted by the ratio of employment totals (the average of November 2004 and May 2005 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

May 2005 OES survey estimates. The May 2005 OES survey estimates are based on all data collected from establishments in the May 2005, November 2004, May 2004, November 2003, May 2003, and November 2002 semiannual samples.

Reliability of the estimates. Estimates calculated from a sample survey are subject to two types of error: sampling and nonsampling. Sampling error occurs when estimates are calculated from a subset (i.e., sample) of the population instead of the full population. When a sample of the population is surveyed, there is a chance that the sample estimate of the characteristic of interest may differ from the population value of that characteristic. Differences between the sample estimate and the population value will vary depending on the sample selected. This variability can be estimated by calculating the standard error (SE) of the sample estimate. If we were to repeat the sampling and estimation process countless times using the same survey design, approximately 90 percent of the intervals created by adding and subtracting 1.645 SEs from the sample estimate would include the population value. These intervals are called 90-percent confidence intervals. The OES survey, however, usually uses the relative standard error (RSE) of a sample estimate instead of its SE to measure sampling error. RSE is defined as the SE of a sample estimate divided by the sample estimate itself. This statistic provides the user with a measure of the relative precision of the sample estimate. RSEs are calculated for both occupational employment and mean wage rate estimates. Occupational employment RSEs are calculated using a subsample, random group replication technique called the jackknife. Mean wage rate RSEs are calculated using a variance components model that accounts for both the observed and unobserved components of the wage data. The variances of the unobserved components are estimated using wage data from the BLS National Compensation Survey. In general, estimates based on many establishments have lower RSEs than estimates based on few establishments. If the distributional assumptions of the models are violated, the resulting confidence intervals may not reflect the prescribed level of confidence.

Nonsampling error occurs for a variety of reasons, none of which are directly connected to sampling. Examples of nonsampling error include: nonresponse, data incorrectly reported by the respondent, mistakes made in entering collected data into the database, and mistakes made in editing and processing the collected data.